

COC# 200

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CHAIN OF CUSTODY REPORT

Work Order #: M107049

CLIENT: BRISTOL		INVOICE TO: BRISTOL										TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10 7 5 4 3 2 1 <1</div> <div>STD.</div> <div>Petroleum Hydrocarbon Analyses</div> <div>5 4 3 2 1 <1</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>STD.</div> <div>OTHER Please Specify _____</div> </div> <p style="font-size: small;">*Turnaround Requests less than standard may incur Rush Charges.</p>											
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090																					
ADDRESS: AMCHITKA, AK																							
PHONE: 907-770-0974		FAX: 770-0975																					
PROJECT NAME: AMCHITKA		REQUESTED ANALYSES																					
PROJECT NUMBER: 21090																							
SAMPLED BY: ARK/KLP																							
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		DRO		BTEX w/Map								MATRIX (W, S, O)		# OF CONT.		COMMENTS		NCA WO ID			
1. O1AMA911SL		7/24/01 1630		X		X								S		2							
2. O1AMA912SL		7/24/01 1625				X								S		1							
3.																							
4.																							
5.																							
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14.																							
15.																							
RELINQUISHED BY: <i>Kyle Petorsen</i>				FIRM: BRISTOL				DATE: 7/24/01				RECEIVED BY: <i>[Signature]</i>				FIRM: NCA				DATE: 7/24/01			
PRINT NAME: Kyle Petorsen								TIME: 1705				PRINT NAME: <i>[Signature]</i>								TIME: 1705			
RELINQUISHED BY:				FIRM:				DATE:				RECEIVED BY:				FIRM:				DATE:			
PRINT NAME:				TIME:				PRINT NAME:				TIME:				PRINT NAME:				TIME:			
ADDITIONAL REMARKS: SAMPLES RENAMED "A9" to "A16"																		TEMP:		PAGE 1 OF 1			



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541.383.9310 fax 541.382.7588

7 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 07/24/01 17:05. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M107049



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
10/25/01 01:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMA1611SL	M107049-01	Soil	07/24/01 16:30	07/24/01 17:05
01AMA1612SL	M107049-02	Soil	07/24/01 16:25	07/24/01 17:05

COC #200

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
10/25/01 01:24

Diesel Hydrocarbons (C10-C25) per AK102
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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01AMA1611SL (M107049-01) Soil

Sampled: 07/24/01 Received: 07/24/01

Diesel Range Organics	ND	150	mg/kg dry	1	AK 102	07/24/01	07/24/01	0107090	
Surr: 1-Chlorooctadecane	98.1 %	50-150							
Surr: Triacontane	75.4 %	50-150							

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Bristol Environmental & Engineering
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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
10/25/01 01:24

BTEX, MTBE and Naphthalene per EPA Method 8021B

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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01AMA1611SL (M107049-01) Soil

Sampled: 07/24/01 Received: 07/24/01

Benzene	ND	0.0822	mg/kg dry	50	1B BTEX/MTI	07/25/01	07/25/01	0107095	
Toluene	ND	0.329	"	"	"	"	"	"	
Ethylbenzene	ND	0.329	"	"	"	"	"	"	
Xylenes (total)	ND	0.658	"	"	"	"	"	"	
Naphthalene	ND	3.29	"	"	"	"	"	"	

Surr: 4-BFB 86.1 % 50-150

01AMA1612SL (M107049-02) Soil

Sampled: 07/24/01 Received: 07/24/01

Benzene	ND	0.0886	mg/kg dry	50	1B BTEX/MTI	07/25/01	07/25/01	0107095	
Toluene	ND	0.354	"	"	"	"	"	"	
Ethylbenzene	ND	0.354	"	"	"	"	"	"	
Xylenes (total)	ND	0.709	"	"	"	"	"	"	
Naphthalene	ND	3.54	"	"	"	"	"	"	

Surr: 4-BFB 90.9 % 50-150

North Creek Analytical - Mobile Lab

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Bristol Environmental & Engineering
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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
10/25/01 01:24

Diesel Hydrocarbons (C10-C25) per AK102 - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0107090 - 3545 ASE

Blank (0107090-BLK1)

Prepared & Analyzed: 07/24/01

Diesel Range Organics	ND	150	mg/kg wet						
Surr: 1-Chlorooctadecane	22.2		"	23.7		93.7	50-150		
Surr: Triacontane	21.5		"	23.5		91.5	50-150		

LCS (0107090-BS1)

Prepared & Analyzed: 07/24/01

Diesel Range Organics	1390	150	mg/kg wet	1250		111	75-125		
Surr: 1-Chlorooctadecane	27.1		"	23.7		114	50-150		
Surr: Triacontane	14.2		"	23.5		60.4	50-150		

LCS Dup (0107090-BSD1)

Prepared & Analyzed: 07/24/01

Diesel Range Organics	1430	150	mg/kg wet	1250		114	75-125	2.84	20
Surr: 1-Chlorooctadecane	31.1		"	23.7		131	50-150		
Surr: Triacontane	16.1		"	23.5		68.5	50-150		

Matrix Spike (0107090-MS1)

Source: M107047-02

Prepared & Analyzed: 07/24/01

Diesel Range Organics	1870	150	mg/kg dry	1390	399	106	60-140		
Surr: 1-Chlorooctadecane	28.1		"	26.3		107	50-150		
Surr: Triacontane	19.0		"	26.1		72.8	50-150		

North Creek Analytical - Mobile Lab

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
10/25/01 01:24

BTEX, MTBE and Naphthalene per EPA Method 8021B - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0107095 - MeOH Extraction

Blank (0107095-BLK1)

Prepared & Analyzed: 07/25/01

Benzene	ND	0.0250	mg/kg wet
Toluene	ND	0.100	"
Ethylbenzene	ND	0.100	"
Xylenes (total)	ND	0.200	"
Naphthalene	ND	1.00	"

Surr: 4-BFB 2.37 " 2.50 94.8 50-150

LCS (0107095-BS1)

Prepared & Analyzed: 07/25/01

Benzene	2.19	0.0250	mg/kg wet	2.50	87.6	69-138
Toluene	2.33	0.100	"	2.50	93.2	53-151
Ethylbenzene	2.36	0.100	"	2.50	94.4	61-141
Xylenes (total)	7.17	0.200	"	7.50	95.6	62-141
Naphthalene	2.63	1.00	"	2.50	105	65-135

Surr: 4-BFB 2.51 " 2.50 100 50-150

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Project: Amchitka
Project Number: 21090
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Reported:
10/25/01 01:24

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M107049 FINAL 10 25 01 0124.mdb Default Report (not modified)